



Doosan Portable Power XP825/HP750 Spec Sheet

DOOSAN

Model	XP825/HP750	
COMPRESSOR ROTARY SCREW/SINGLE-STAGE	LOW PRESSURE	HIGH PRESSURE
Free-Air Delivery – cfm (m ³ /min)	825 (23.4)	750 (21.2)
Rated Operating Pressure – psig (bar)	125 (8.6)	150 (10.3)
Pressure Range – psig (bar)	80-175 (5.5-12.1)	
Air Discharge Outlet Size – in (mm)	2-inch NPT (50.8)	
Air Discharge Outlet Quantity	1	
Fuel Tank Capacity – gal (L)	100 (379)	
ENGINE		
Make/Model	Cummins/QSB6.7	
Emissions Tier Level	Tier 4 Final (T4F)	
Number of Cylinders	6	
Displacement – cu in (L)	408 (6.7)	
Rated Speed – rpm	2100 / 1935	
Idle Speed – rpm	1300	
Bhp @ Rated Speed (kW)	266 (198) / 262 (195)	
Electrical - volts	24	
Hours of Operation @ Full Load	9.1 / 9.3	
DIMENSIONS WITH RUNNING GEAR		
Length – in (mm)	203 (5164)	
Width – in (mm)	90.2 (2291)	
Height – in (mm)	88.5 (2248)	
Track Width – in (mm)	80.3 (2040)	
Tire Size – in	15	
Shipping Weight – w/o fuel – lb (kg)	8620 (3910)	
Working Weight – w fuel – lb (kg)	9330 (4230)	
DIMENSIONS WITHOUT RUNNING GEAR		
Length – in (mm)	152.4 (3871)	
Width – in (mm)	80.6 (2047)	
Height – in (mm)	79 (2007)	
Shipping Weight – w/o fuel – lb (kg)	7840 (3560)	
Working Weight – w fuel – lb (kg)	8550 (3880)	

Key Features

- Versatility in application increases productivity and lowers total cost of ownership.
- Sturdy design includes corrosion-resilient galvanized steel enclosure, A-frame drawbar and heavy-duty axles.
- Thermostatic clutch-driven cooling fan ensures quiet operation and significantly cuts fuel costs. A 100-gallon fuel tank delivers nine hours of reliable runtime.
- State-of-the-art control panel provides improved operator interface and easy-to-understand machine diagnostics.
- Equipped with a Doosan-designed and manufactured airend that offers a highly efficient rotor profile, requiring less horsepower to deliver high-volume cfm output.
- Powered by a high-performance Cummins engine, and engineered with diesel oxidation catalyst (DOC) and selective catalytic reduction (SCR) that is virtually maintenance-free with no regeneration cycles.

